ಬೆವಿಕಂ
BESCOM

ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ

Bangalore Electricity Supply Company Limited

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಂಪೂರ್ಣ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)

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Encl :

O/o The Chief General Manager,
Procurement, 2nd Floor, Corporate
Office, BESCOM, K.R. Circle,
Bengaluru-560 001.
Date: 04 MAY 2026

Clarification/Amendment

Sub: Procurement of 250 kVA, Aluminium Winding, Star 2 (5 star), 11kV/433V, stacked CRGO Core with oil, Distribution Transformers -Reg.

Ref:
1. Tender Enquiry No. BESCOM/2026-27/IND0220 to IND0223.
2. Pre-bid meeting held on 15.04.2026.
3. Approval of E-office file no.315797 dated 04.05.2026.

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Tenders have been invited for Procurement of 250 kVA, Aluminium Winding, Star 2 (5 star), 11kV/433V, stacked CRGO Core with oil, Distribution Transformers vide enquiry nos. BESCOM/2026-27/IND0220 to IND0223.

As per the conditions of tender, pre-bid meeting was held on 15.04.2026 and the prospective Bidders have sought clarifications/amendments for few tender conditions.

In continuation to the pre-bid meeting, the following clarifications/amendments are issued.

Sl. No	Clause No	As Existing	Queries	Clarification
1	17 (iii) of ITB	Insurance to cover material to cover up to Supply/installation at the BESCOM site and handing it over to the BESCOM.	Kindly allow us to obtain insurance upto supply of equipment/ material at the BESCOM site and handing it over to the BESCOM.	Tender condition prevails
2	5.0 (6) of ITB	The Bidder shall upload the type test certificates for having conducted all the type tests mentioned in the relevant IS/technical specification on 250 kVA Star 2 Distribution Transformer at CPRI/ ERDA & such type test reports shall not be older than five years as on the last date of bid submission.	We bring to your kind notice that we shall submit higher rating type test reports with CRGO/Amorphous core & Aluminium/ Copper winding distribution transformer. However, we shall submit offered design type test reports of 250kVA, 11/0.433KV, CRGO core, Aluminium wound, EE	Tender condition prevails

Sl. No	Clause No	As Existing	Queries	Clarification
			level-2, BEE star-2 rating Distribution transformer after receipt of order & before commencement of supplies without affecting delivery schedule. We shall submit undertaking in this regard along with our bid. Kindly review & accept our request.	
3	5.0 (5) of ITB	The Bidder shall possess BEE & BIS valid certificates issued by the Govt. of India for manufacture of Distribution Transformers as per specified standards.	We bring to your kind notice that we obtained BIS License Certificate for supply of Distribution Transformers (License No. CM/L-6300042186 valid upto 30.09.2026). However, the offered rating category of 250 kVA shall be included in the existing scope of our BIS license before commencement of supplies without affecting the delivery schedule. Kindly review and confirm the same.	Tender condition prevails
4	26 (26.1) of GCC	The delivery schedule is as mentioned in the Schedule-V and will also be intimated in the purchase order and the successful Bidder shall adhere to the delivery schedule of the Purchase Order.	We inform you that we shall supply total order quantity within 6 months from the date of Purchase Order. Please confirm. Also, please provide destinations for our reference and to plan our activities accordingly.	Delivery Schedule will be intimated in Purchase Order and the consignee will be as per the field requirement and will be intimated during issue of Dispatch Instruction.
5	40 (40.1) of T.S	All the type and routine tests as stipulated in the relevant standards shall be carried out by the supplier in the presence of BESCOM representative.	We bring to your kind notice that we shall conduct type tests on one transformer at CPRI/ERDA as per BESCOM's specification after receipt of order in the presence of BESCOM's representative at free of cost and submit test reports before commencement of supplies without affecting the delivery schedule.	Tender condition prevails
6	39 (Note) of T.S	One out of the every consignment of the transformers received at	All the expenses towards routine testing at external labs to be borne by the	Tender Conditions Prevails.

Sl. No	Clause No	As Existing	Queries	Clarification
		stores, above Routine Tests shall be conducted mandatorily (at Stores). In case of failure, all the transformers in that consignment shall be tested and transformers which pass the test shall be accepted.	purchaser.	
7	42 of T.S	For every lot of 500 numbers (or less) offered for inspection, the type tests indicated at Clause (37) of this technical specifications should be mandatorily conducted by choosing a random sample from the lot. If the offered lot is between 500 numbers - 1000 numbers, it shall be at the discretion of BESCOM/Purchaser for repeating type tests. Type tests should be got conducted at CPRI/ERDA and the testing charges shall be borne by BESCOM/Purchaser. If the Sample selected Transformer fails in Type tests, the entire lot to be rejected besides Type test charges shall be borne by the Supplier	We bring to your kind notice that type tests are design validation tests and conducting all the type tests against each lot of 500 no. (or less) leads to huge expenses & time consuming. Please note that the clause 39 (routine tests) will suffice the requirement. Hence, kindly delete this clause.	Tender Conditions Prevails.
8	39 (9) of T.S	Oil samples (one sample per lot) to comply with IS: 1866. IS 2026 (Part1) **39 (b&c) of T.S:** The important characteristics of the transformer oil after it is filled in the transformer (within 3 months of filling) shall be as follows. c) All tests to verify the characteristics mentioned as above shall be carried out in accordance with IS: 335/2018.	We bring to your kind notice that the applicable standard for testing of mineral oil drawn from transformer after filling is IS:1866-2017 as per Clause no.19.2 (9). The applicable tests & permissible values are as per table-3 of IS:1866-2017. Kindly review and delete clause no. 18(b) & (c)of T.S.	The new transformer oil shall be filled to the transformers and oil test reports shall be in accordance with IS:335/2018 However, the transformers oil test during transformer Routine/ acceptance shall be performed as per IS: 1866/2017.
9	7.0 of T.S	Range of variation : +5% to -10% in steps of 2.5% for variation of HV.	For this tap range, Switch position No.3 shall be marked as 3(Normal)	Tender Conditions Prevails.

Sl. No	Clause No	As Existing	Queries	Clarification
			corresponds to normal voltage tap position. Kindly review and amend the same.	
10	17.0 (4) of T.S	Top Cover Fixing Bolts & Gasket: GI bolts and nuts shall be size 12mm x 40mm with one plain and one spring washer suitably apart (100mm) to press the cover	As per IS 1180(Part 1):2014, Clause no.15.3, all bolts/nuts/washers exposed to atmosphere shall be as follows: a) Size 12mm or below-Stainless Steel. b) Above 12mm-Steel with Suitable finish like electro galvanized with passivation or hot dip galvanized. Kindly review and amend the same.	Tender Conditions Prevails.
11	15.0 (a) of T.S	Press board blocks at top and bottom of each coil assembly shall be provided. There must be atleast 4 blocks per phase/coil of each of thickness of 30mm.	We wish to inform you that 4 Press Board blocks of thickness 5mm per phase/ coil are sufficient to withstand for the mechanical forces developed inside the Transformer. As per the proceedings of pre bid meeting held by M/s. BESCOM on 20.12.2012, the respective clause is amended as "Press board blocks at top and bottom of each coil assembly shall be provided. There must be at least 4 blocks per phase/coil and the Core wrapper shall be of minimum of 1mm thick". Hence, please allow us to use 5mm thick blocks instead of 30mm.	Tender Conditions Prevails.
12	17.0 of T.S	There must be sufficient space from the core to the top cover to take care of oil expansion. The space above oil level in the tank shall be filled with dry air or nitrogen conforming to commercial grade of IS:1747.	In case of non-sealed transformers with Conservator tanks, the free space is available in the conservator tanks and same can be filled with dry air or Nitrogen econfirming to commercial grade of IS:1747.	The free space shall be available in the conservator tank to take care of oil expansion. The space above oil level in the tank shall be filled with dry air or nitrogen conforming to

Sl. No	Clause No	As Existing	Queries	Clarification
		Conservators shall be provided on transformers of rating 250KVA and 500KVA	Please review and confirm.	commercial grade of IS:1747.
13	17.0 of T.S	Top and bottom plates thickness of 5.00 mm and 3.15 mm for the side wall thickness.	We bring to your kind notice that Tolerances shall be applicable on thickness of tank side walls, top and bottom plates as per IS 1852. Kindly review and confirm.	Tender Conditions Prevails.
14	21.0 of T.S	Make of Breathers shall be subject to BESCOM approval.	Kindly provide the List of BESCOM's Approved Vendors for Silicagel Breather.	The successful bidder shall purchase the reputed make breather from authorised OEM's. The details of the breather along with the GTP & Drawing of transformer shall be furnish to QS&S section for approval before commencement of bulk manufacturing.
15	21.0 of T.S	For 433 volts, 1.1KV terminal Bushings confirming to IS: 7421/1974shall be used.	As per amendment no.1 to Clause No. 10.2 of IS:1180(Part-1)-2014, for 433V, 1kV bushings to be used instead of 1.1 kV.	Tender Conditions Prevails.
16	54.0 of T.S	In case the distribution transformer fails within the guarantee period the purchaser will immediately inform the supplier who shall take back the failed DT within 15 days from the date of the information at his own cost and replace / repair the transformer within forty five days of date of intimation with a roll over guarantee. The outage period i.e., period from the date of failure till unit is repaired/ replaced shall not be countered for arriving at the guarantee period.	We understand that the guarantee period for the repaired (within warranty) transformer shall be extended for the period of time taken for repair /replacement of that particular unit.	Tender Conditions Prevails.
17	37.0 (2&3) of T.S	Dynamic Short Circuit Test – IS 2026(Part5) Thermal Short Circuit Test– IS 2026(Part5)	We shall perform Dynamic Short Circuit test on 1st transformer after receipt of order. For Thermal Short Circuit test, we shall submit calculation test. Please confirm.	Tender Conditions Prevails.

Sl. No	Clause No	As Existing	Queries	Clarification
18	39.0 (11) of T.S	Pressure and vacuum test for checking the deflection. IS 1180 (Part1):2014	We inform you that Pressure Vacuum test is a type test. Hence, we shall perform on 1st transformer after receipt of order. Please confirm	Tender Conditions Prevails.
19	1.0 of SCC	The Bidder shall quote "FIRM PRICES" in the price bid	These two clauses are contradicting each other. We shall consider as "prices are variable as per the applicable IEEMA Circulars". Please mention the base month as Apr 2026 irrespective of tender due date and no ceiling on both the sides.	The Prices are variable as per the IEEMA circulars
20	19.0 of GCC	Penalty for late delivery:	The date of delivery is the date on which the transformer is notified as being ready for inspection/dispatch (in the absence of such notification, the date of manufacturer's dispatch note is to be considered as the date of delivery) and same shall be considered for penalty calculation.	Tender Conditions Prevails.
21	54.0 of T.S	The manufacturers of the transformer shall provide a guarantee of 5 years from the date of supply	We request you to kindly amend the clause no. 28.0 of GCC as below: The material offered shall be guaranteed for satisfactory operation and against failure due to bad workmanship and inherent defects in design or materials for a period of Five years from the date of supply.	Tender Conditions Prevails.
22	16.2 of GCC	The Consignee Division will arrange payment of 100% value of materials on receipt of goods, after inspection of materials at destination & Stores and against the presentation of dispatch and other documents by the firm.	The Consignee Division will arrange payment of 100% value of materials within 30 days of receipt of goods & after inspection of materials at destination and against the presentation of dispatch and other documents by the firm.	Tender Conditions Prevails.

Amendment:

Sl. No	Clause No	As Existing	As Amended
1	QR 5.4	The Bidder shall upload performance certificate issued by any Electricity Distribution Companies or Govt. Electrical Utilities/PSUs for having satisfactory operation of 100kVA or higher capacity of star 2 distribution transformer (up to 1000 kVA) for at least one year as on the date of bid submission for minimum of 80% of the tendered quantity (*However it will be **40% to Micro & Small Enterprises***) in last 3 preceding years i.e., 2021-22, 2022-23 & 2023-24. (***last 2 years i.e., 2022-23 & 2023-24 for Micro & Small Enterprises***).	The Bidder shall upload performance certificate issued by any Electricity Distribution Companies or Govt. Electrical Utilities/PSUs for having satisfactory operation of 100kVA or higher capacity of star 2 distribution transformer (up to 1000 kVA) for at least one year as on the date of bid submission for minimum of 80% of the tendered quantity (*However it will be **40% to Micro & Small Enterprises***) in last 3 preceding years i.e., 2022-23, 2023-24 & 2024-25. (***last 2 years i.e., 2023-24 & 2024-25 for Micro & Small Enterprises***).

All other terms and conditions of tender remain unaltered.

(Er. B.K.Yogesh)
Chief General Manager (Ele.),
Procurement, BESCOM.